

The Development of Liberal Arts and Sciences

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Technological Singularity

[illegible][illegible][illegible]

Leukotomy [3]

In Math We Trust—Technological Singularity—AlphaGo Zero —superhuman ———“———
———”——— [4]———

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[8]

Ibn al-Haytham

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1516 well-controlled (Filippo Brunelleschi)

[illegible][illegible]

10/10/2019

17

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peer review

[illegible]

metaphysics
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[23]

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[26] [REDACTED]
[REDACTED]

20

leukotomy

Universal approximation theorem

Technological Singularity

1. The Turing Test is a test of a machine's ability to exhibit intelligent behavior that is indistinguishable from that of a human. AlphaGo Zero is a program that can play the board game Go without any human input or datasets.

2. The Turing Test is a test of a machine's ability to exhibit intelligent behavior that is indistinguishable from that of a human. AlphaGo Zero is a program that can play the board game Go without any human input or datasets.

3. The Turing Test is a test of a machine's ability to exhibit intelligent behavior that is indistinguishable from that of a human. AlphaGo Zero is a program that can play the board game Go without any human input or datasets. Wind Tunnel approach is a method for testing the aerodynamic properties of an object in a wind tunnel.

4. The Turing Test is a test of a machine's ability to exhibit intelligent behavior that is indistinguishable from that of a human. AlphaGo Zero is a program that can play the board game Go without any human input or datasets.

5. The Turing Test is a test of a machine's ability to exhibit intelligent behavior that is indistinguishable from that of a human. AlphaGo Zero is a program that can play the board game Go without any human input or datasets. 737Max is a commercial jet airplane.

6. The Turing Test is a test of a machine's ability to exhibit intelligent behavior that is indistinguishable from that of a human. AlphaGo Zero is a program that can play the board game Go without any human input or datasets. SAE level 5 is a level of self-driving car technology. SAE level 4 is a level of self-driving car technology. SAE level 4 is a level of self-driving car technology.

7. The Turing Test is a test of a machine's ability to exhibit intelligent behavior that is indistinguishable from that of a human. AlphaGo Zero is a program that can play the board game Go without any human input or datasets. Deep Blue is a chess-playing program. Demis Hassabis is a British computer scientist. Nature is a scientific journal. Superhuman is a term used to describe a person or machine that is capable of performing tasks beyond the capabilities of a human. Superhuman is a term used to describe a person or machine that is capable of performing tasks beyond the capabilities of a human. generic is a term used to describe a person or machine that is capable of performing tasks beyond the capabilities of a human. human is a term used to describe a person or machine that is capable of performing tasks beyond the capabilities of a human.

8. The Turing Test is a test of a machine's ability to exhibit intelligent behavior that is indistinguishable from that of a human. AlphaGo Zero is a program that can play the board game Go without any human input or datasets. 19x19 is a board game. AlphaGo Zero is a program that can play the board game Go without any human input or datasets. AlphaGo Zero is a program that can play the board game Go without any human input or datasets.

9. The Turing Test is a test of a machine's ability to exhibit intelligent behavior that is indistinguishable from that of a human. AlphaGo Zero is a program that can play the board game Go without any human input or datasets. Deep Blue is a chess-playing program. AlphaGo Zero is a program that can play the board game Go without any human input or datasets. AlphaGo Zero is a program that can play the board game Go without any human input or datasets.

10. The Turing Test is a test of a machine's ability to exhibit intelligent behavior that is indistinguishable from that of a human. AlphaGo Zero is a program that can play the board game Go without any human input or datasets. Deep Blue is a chess-playing program. Nature is a scientific journal. Superhuman is a term used to describe a person or machine that is capable of performing tasks beyond the capabilities of a human. Superhuman is a term used to describe a person or machine that is capable of performing tasks beyond the capabilities of a human. generic is a term used to describe a person or machine that is capable of performing tasks beyond the capabilities of a human. human is a term used to describe a person or machine that is capable of performing tasks beyond the capabilities of a human.

11. The Turing Test is a test of a machine's ability to exhibit intelligent behavior that is indistinguishable from that of a human. AlphaGo Zero is a program that can play the board game Go without any human input or datasets.

12. The Turing Test is a test of a machine's ability to exhibit intelligent behavior that is indistinguishable from that of a human. AlphaGo Zero is a program that can play the board game Go without any human input or datasets. Occam's Razor is a principle of philosophy.

13. The Turing Test is a test of a machine's ability to exhibit intelligent behavior that is indistinguishable from that of a human. AlphaGo Zero is a program that can play the board game Go without any human input or datasets. Occam's Razor is a principle of philosophy. Occam's Razor is a principle of philosophy. Occam's Razor is a principle of philosophy.

14. The Turing Test is a test of a machine's ability to exhibit intelligent behavior that is indistinguishable from that of a human. AlphaGo Zero is a program that can play the board game Go without any human input or datasets.

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[REDACTED] [30]

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[illegible]

smartphone


~~~~~ Gilded Age ~~~~~ A City upon a Hill ~~~~~ Forrest  
Gump ~~~~~ 911 ~~~~~

[illegible][illegible][illegible]

witch-hunt

[illegible][illegible]

「personality」の次元は「dimension」で表すことができる [45]

[46] のように

「人格」の次元は「dimension」で表すことができる

[47] のように「人格」の次元は「dimension」で表すことができる [49] のように

「人格」の次元は「dimension」で表すことができる

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「人格」の次元は「dimension」で表すことができる

Technological Singularity の次元は「dimension」で表すことができる  
Technological Singularity の AlphaGo Zero の次元は「dimension」で表すことができる

「人格」の次元は「dimension」で表すことができる

「人格」の次元は「dimension」で表すことができる



[2] 中國人對「中國」的定義，往往與「中國人」的定義相連。中國人對「中國」的定義，往往與「中國人」的定義相連。

[3] 中國人對「中國」的定義，往往與「中國人」的定義相連。中國人對「中國」的定義，往往與「中國人」的定義相連。

中國人對「中國」的定義，往往與「中國人」的定義相連。中國人對「中國」的定義，往往與「中國人」的定義相連。

[4] 中國人對「中國」的定義，往往與「中國人」的定義相連。Chinese room 中國人對「中國」的定義，往往與「中國人」的定義相連。

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[5] 中國人對「中國」的定義，往往與「中國人」的定義相連。中國人對「中國」的定義，往往與「中國人」的定義相連。

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[6] 中國人對「中國」的定義，往往與「中國人」的定義相連。guideline 中國人對「中國」的定義，往往與「中國人」的定義相連。

[7] 中國人對「中國」的定義，往往與「中國人」的定義相連。中國人對「中國」的定義，往往與「中國人」的定義相連。

“中國人對「中國」的定義，往往與「中國人」的定義相連。”中國人對「中國」的定義，往往與「中國人」的定義相連。

[8] 中國人對「中國」的定義，往往與「中國人」的定義相連。John Philoponus 中國人對「中國」的定義，往往與「中國人」的定義相連。

中國人對「中國」的定義，往往與「中國人」的定義相連。Ibn al-Haytham 中國人對「中國」的定義，往往與「中國人」的定義相連。

[9] 中國人對「中國」的定義，往往與「中國人」的定義相連。architect 中國人對「中國」的定義，往往與「中國人」的定義相連。methodology 中國人對「中國」的定義，往往與「中國人」的定義相連。

[10] 中國人對「中國」的定義，往往與「中國人」的定義相連。中國人對「中國」的定義，往往與「中國人」的定義相連。

中國人對「中國」的定義，往往與「中國人」的定義相連。中國人對「中國」的定義，往往與「中國人」的定義相連。

[11] 中國人對「中國」的定義，往往與「中國人」的定義相連。personality 中國人對「中國」的定義，往往與「中國人」的定義相連。

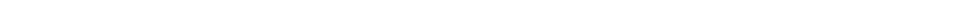
[illegible][illegible]

personality personality

physical sciences

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[12] ##### 1630
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[13] 

1687

[illegible]

[15] Gödel's theorems suggest metaphysics from humans may not work. I do not cross the boundary between religion and science.

Je pense, donc je suis

[illegible]

[16] [https://www.technologyinsights.com/insights/industry-trends/2022/01/2022-technology-trends-forecast/](#)

[illegible]

[17] Ferdinand Karl Schweikart

[illegible]

[19] □□□□□□□□□□□□□□□□

[illegible][illegible]

[illegible][illegible][illegible][illegible][illegible]

[21] [Filippo Marinetti - Manifesto del Futurismo](#)

Technological Singularity  
Nature AlphaGo Zero superhuman

go rogue go  
rogue

[illegible]

[22] [https://www.fishbase.org/species/0678](#), 1917 [https://www.fishbase.org/species/0678](#)  
[https://www.fishbase.org/species/0678](#)

[illegible]

(Паша) personality

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1917

1917

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# Technological Singularity

[24] □□□□□□□□□□□□□□□□□□□□

[illegible][illegible][illegible]

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##### attraction#####passion#####commitment #####
#####commitment #####exclusive#####
#####exclusive#####
#####

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[illegible][illegible]



leukotomy

BRAIN Initiative

[26]

ARBEIT MACHT FREI

[27] The Guardian a meta-solution to any problem AGI

"Demis Hassabis ... is deadly serious when he tells me he is on a mission to 'solve intelligence, and then use that to solve everything else'.

.....

'One way of thinking of AGI is as a process that will automatically convert unstructured information into actionable knowledge. What we're working on is potentially a meta-solution to any problem.'",

from <https://www.theguardian.com/technology/2016/feb/16/demis-hassabis-artificial-intelligence-deepmind-alphago>

[28] AlphaGo Zero AlphaGo Zero AlphaGo Zero AlphaGo Master AlphaGo Zero AlphaGo Master

AlphaGo Master

737 Max

"'In thousands of tests, nothing like this had ever happened,' he said.", Boeing Built Deadly Assumptions Into 737 Max, Blind to a Late Design Change, <https://www.nytimes.com/2019/06/01/business/boeing-737-max-crash.html>.

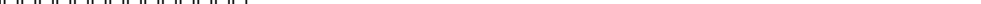
[29] Deep Blue

[30]

[illegible][illegible][illegible]

[31] The Selfish Gene (or The Immortal Gene) □□□□□□□□□□□□□□□□□□□□□□□□  
□□□□□□: to be "a leader to the Greeks and a despot to the barbarians, to look after  
the former as after friends and relatives, and to deal with the latter as with beasts  
or plants"□□□□□□□□□□□□□□□□□□□□

[32] □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

[33] 

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go rogue  vandalist 
1204 

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[illegible]

Socratic method

AlphaGo Zero Nature AlphaGo Zero  
superhuman performance

**Jack**      **Ralph**      **Ralph**

**leader**      **Piggy**      **Ralph**

**Simon**

The Development of Liberal Arts and Sciences

[34] 
 1970

[illegible]

[35] [BRAIN Initiative Moonshot](#)

[illegible]

[36] □□□□□□□□□□□□□□□□□□□□□□□□□□□□

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[illegible][illegible]

[39] 目前 smartphone 的 CPU 几乎都是 Intel 或者是 ARM 架构的 ARM 架构的处理器几乎都是  
都是 Intel 或者是 Google 的 Android OS 都是 open source 的 CPU 和 OS 都是  
都是

都是 Linux Torvalds 开发的 Linux 都是 Google 的 Android 都是  
都是 Microsoft 的 Apple 的 smartphone 都是 Google 的  
Google 的 CPU 和 OS 都是 ARM 的 Google 的 CPU 和 OS  
都是 smartphone 都是

都是 smartphone 都是

[40] 都是 program music 都是 program music “” 都是  
都是  
都是

都是

[41] 都是

[42] 都是 2019 都是 “” 都是 “”  
都是 <https://www.chinesepen.org/blog/archives/121899> 都是

都是 “” 都是 “” 都是

的 The Selfish Gene 都是 “” 都是 The  
Selfish Gene 都是 The Selfish Gene 都是

“” 都是

都是

[43] "On 28 July, after reading Serbia's reply, Wilhelm commented, 'But that eliminates any reason for war' or 'every cause for war falls to the ground'.....Wilhelm's sudden change of mind about war enraged Bethmann Hollweg, the military, and the diplomatic service, who proceeded to sabotage Wilhelm's offer.", from [https://en.wikipedia.org/wiki/July\\_Crisis](https://en.wikipedia.org/wiki/July_Crisis).

都是 Wilhelm 都是

都是 Wilhelm 都是

都是





